

Tetrachloroethylene

127-18-4 | DTXSID2021319

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.84	0.55	0.85	0.53	0.83	0.64

Model Results

Predicted value: 1.63

Global applicability domain: Inside

Local applicability domain index: 5.86e-01

Confidence level: 7.13e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>Tetrachloroethylene</div> <div>Measured: 1.72</div> <div>Predicted: 1.63</div>	<div>Image not found</div> <div>Trichloroethylene</div> <div>Measured: 1.20</div> <div>Predicted: 1.18</div>	<div>Image not found</div> <div>Carbon tetrachloride</div> <div>Measured: 0.87</div> <div>Predicted: 1.11</div>
<div>Image not found</div> <div>1,1,2,2-Tetrachloroethane</div> <div>Measured: 1.11</div> <div>Predicted: 1.06</div>	<div>Image not found</div> <div>Hexachloroethane</div> <div>Measured: 2.71</div> <div>Predicted: 2.65</div>	